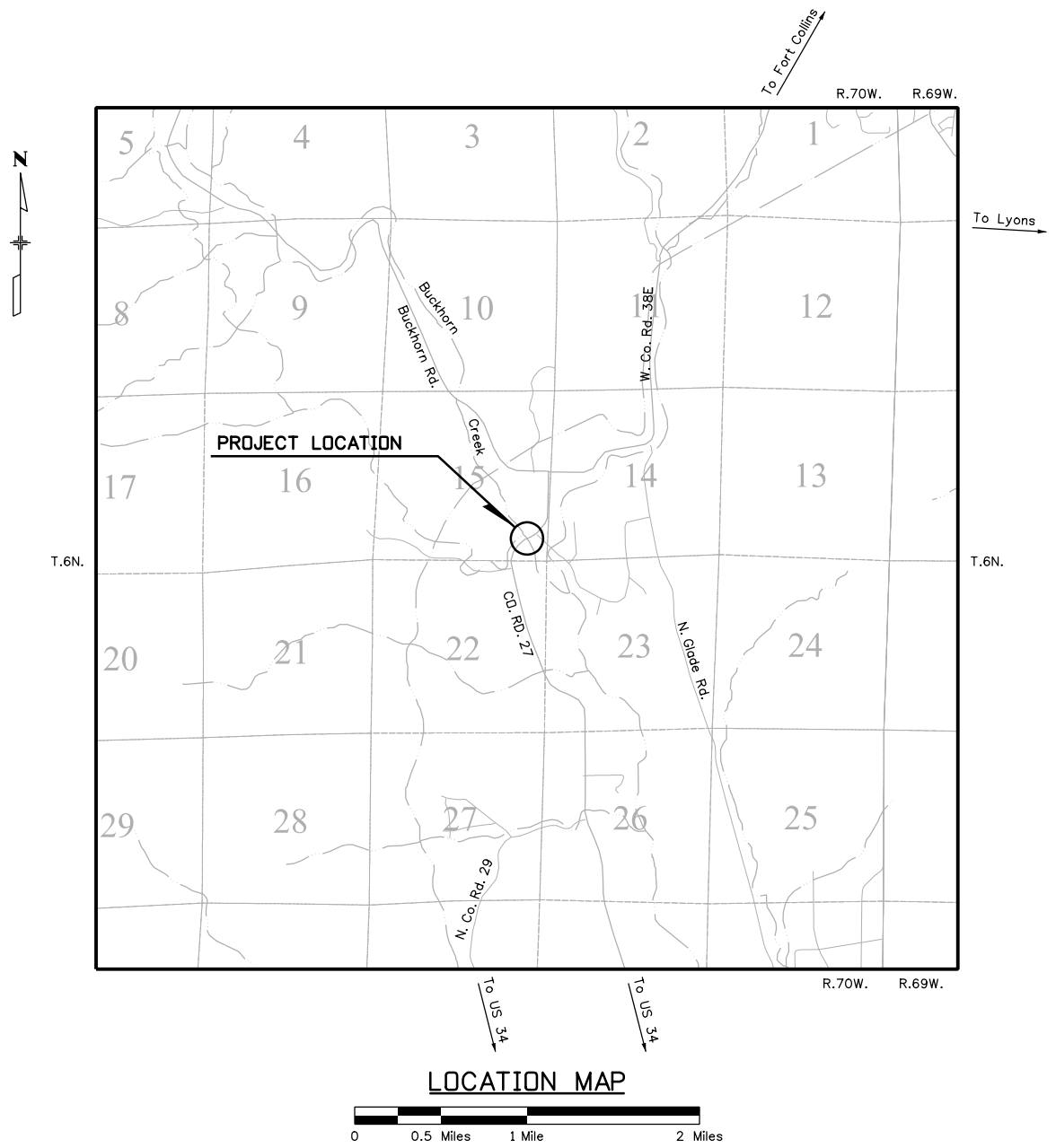


LARIMER COUNTY, COLORADO
BRIDGE REPLACEMENT
COUNTY ROAD 27 (BUCKHORN ROAD)
OVER BUCKHORN CREEK



SHEET NO.	INDEX OF SHEETS
1	TITLE SHEET
2	STANDARDS PLANS LIST
3	ROADWAY TYPICAL SECTION
4	GENERAL NOTES
5-6	SUMMARY OF APPROXIMATE QUANTITIES
7	TEMPORARY SHOOFLY PLAN
8	PLAN AND PROFILE GRADE
9-11	ACCESS PLAN AND PROFILE
12	GUARDRAIL LAYOUT
13	CHANNEL PLAN AND PROFILE GRADE
14-15	CHANNEL CROSS SECTIONS
16	SURVEY TABULATION SHEET
17-20	DETAILS STRUCTURE NO. LR27-0.1-32CA
21	WETLAND IMPACTS
22	R.O.W. EXHIBIT
	SUE PLANS

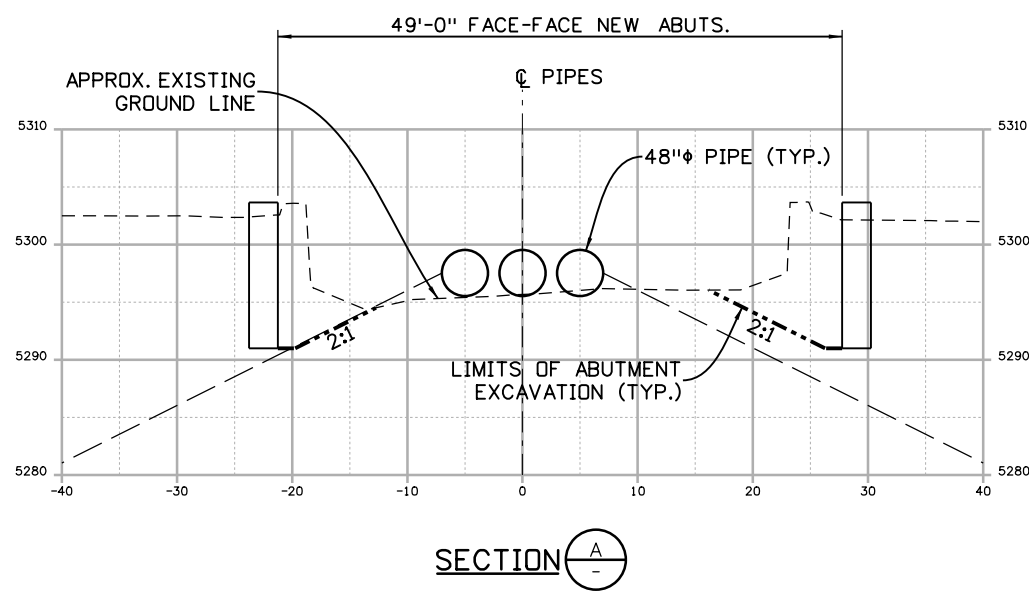
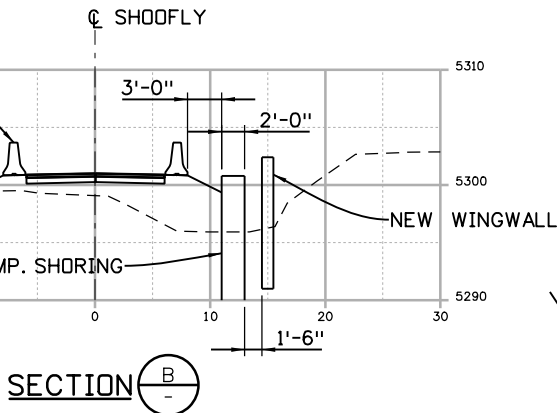
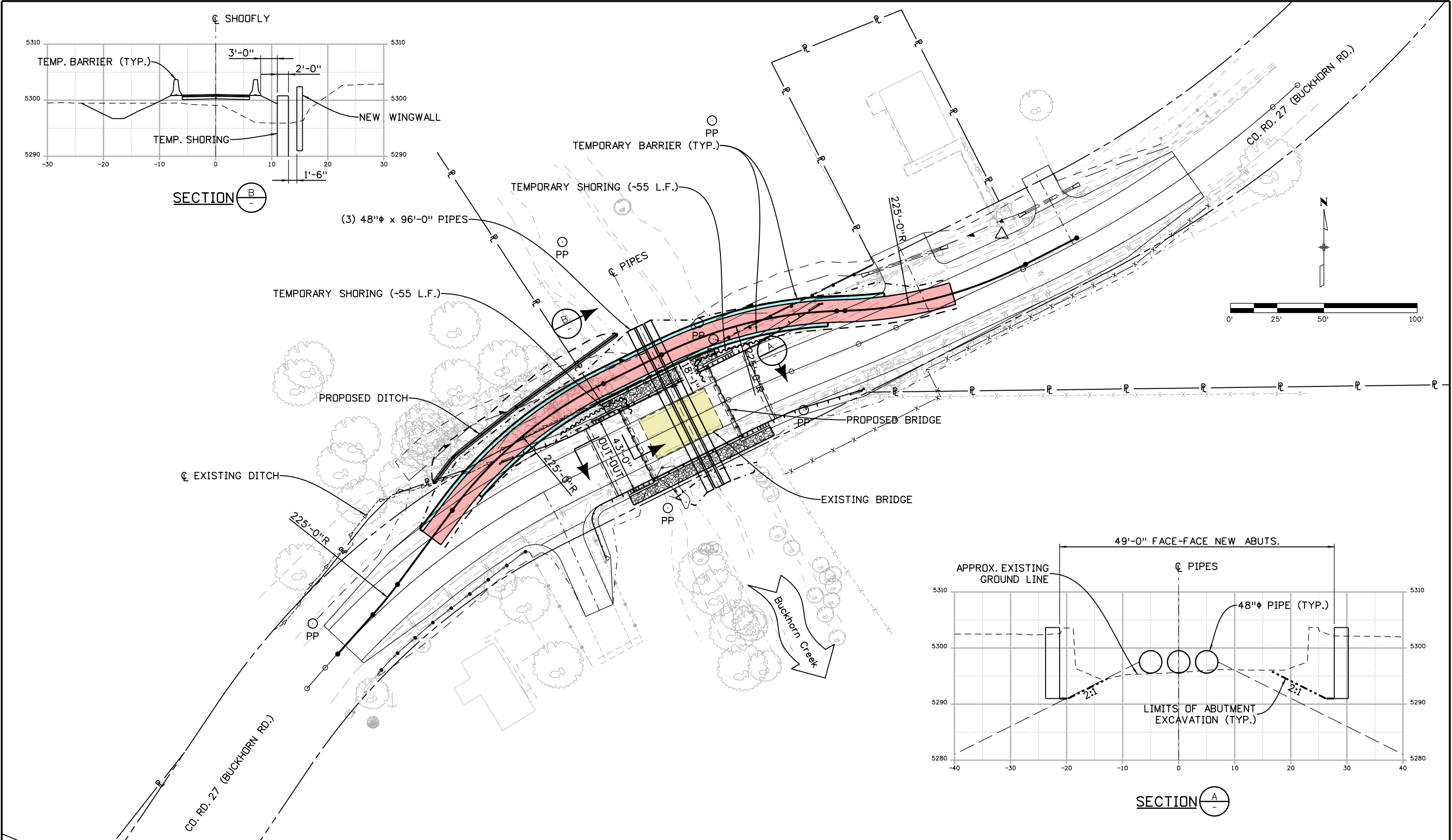
FUTURE INTENDED PLANS
TABULATION SHEET
STORMWATER MANAGEMENT PLAN
EROSION CONTROL PLAN
R.O.W. PLANS

FIR
May, 2020

Print Date: 5/22/2020	0000	Sheet Revisions			Larimer County Engineering Department		As Constructed	Contract Information		SEH Project No.
File Name: 151826_Title.dgn		Date:	Comments	Init.		200 West Oak Street, Suite 3000 P.O. Box 1190 Fort Collins, CO 80522-1190 (970) 498-5700 Fax: (970) 498-7986	No Revisions:	Contractor: _____	151826	
Horiz. Scale: 1:1 Vert. Scale: As Noted							Revised:	Resident Engineer: _____	-	
Unit Information Unit Leader Initials							Void:	Project Engineer: _____	-	
 Short Elliott Hendrickson Inc. Colorado Center Tower One Suite 6000 2000 South Colorado Boulevard Denver, CO 80222-7900 Tele. (720) 540-6800 (800) 490-4966 Fax (720) 540-6801								PROJECT STARTED: ____/____/____ ACCEPTED: ____/____/____	Sheet Number	
								Comments: _____	1	

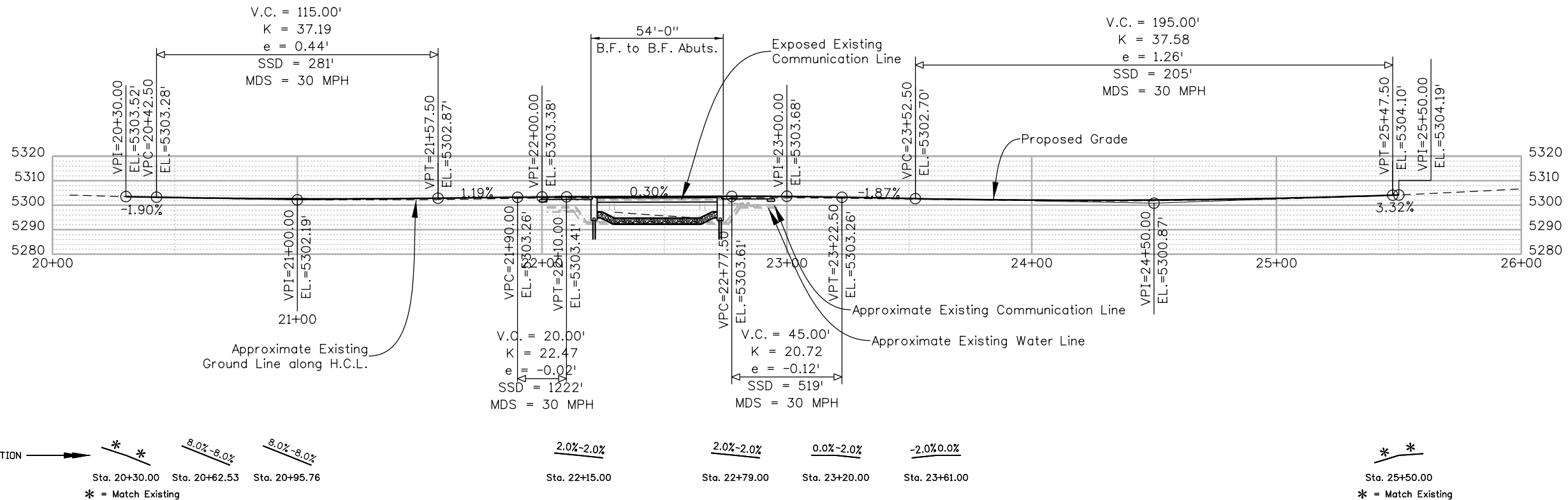
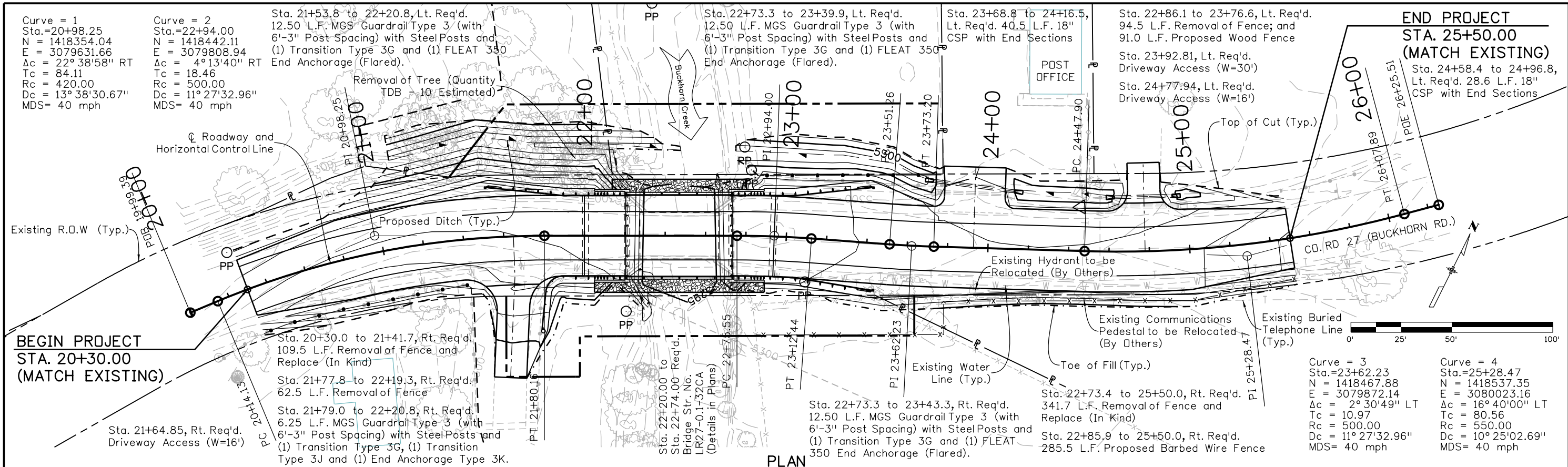
dsundeen 8:04:06 AM P:\K0\1\LARIC\151826\5-final-dsgn\51-drawings\DESIGN FILES\Design\Drawings\151826_Title.dgn

dsundeen 11:09:45 AM P:\K\A\L\ARIC\151826\5-final-dgn\51-drawings\DESIGN FILES\Design Drawings\151826_DES_Shoofly.dgn



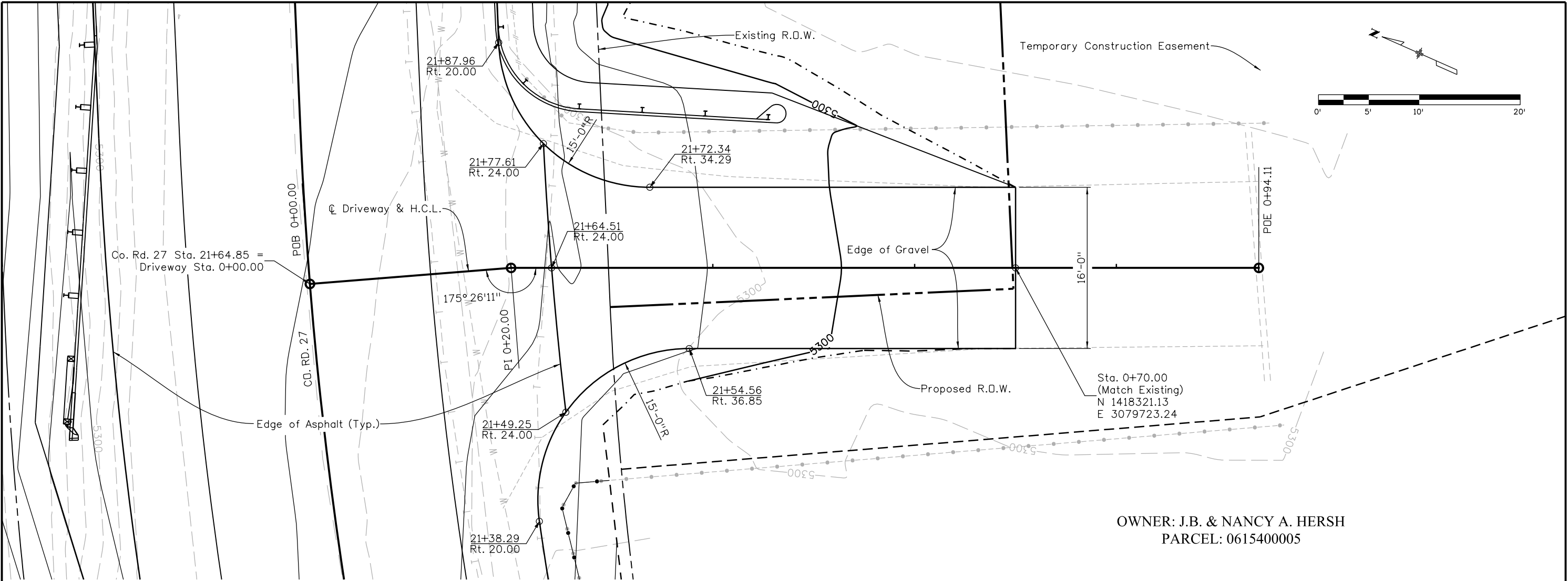
Print Date: 5/20/2020		0000	Sheet Revisions			Larimer County Engineering Department		As Constructed	TEMPORARY SHOOFLY PLAN				Project No./Code			
File Name: 151826_DES_Shoofly.dgn			Date:	Comments	Init.		200 West Oak Street, Suite 3000 P.O. Box 1190 Fort Collins, CO 80522-1190 (970) 498-5700 Fax: (970) 498-7986	No Revisions:	Designer: S.E. Kaye		Structure	LR27-0.1-32C	-			
Horiz. Scale: 1:50 Vert. Scale: As Noted								Revised:	Detailer: D.W. Sundeen		Numbers			-		
Unit Information Unit Leader Initials								Void:	Sheet Subset: SHOOFLY		Subset Sheets:		1 of 1		Sheet Number 2	
 Short Elliott Hendrickson Inc. Colorado Center Tower One Suite 6000 2000 South Colorado Boulevard Denver, CO 80222-7900 Tele. (720) 540-6800 (800) 490-4966 Fax (720) 540-6801																

disundeen 2:10:12 PM P:\KD\LL\ARIC\151826\5-final-dsgn\51-drawings\DESIGN FILES\Design Drawings\151826_Plan&Prof.dgn

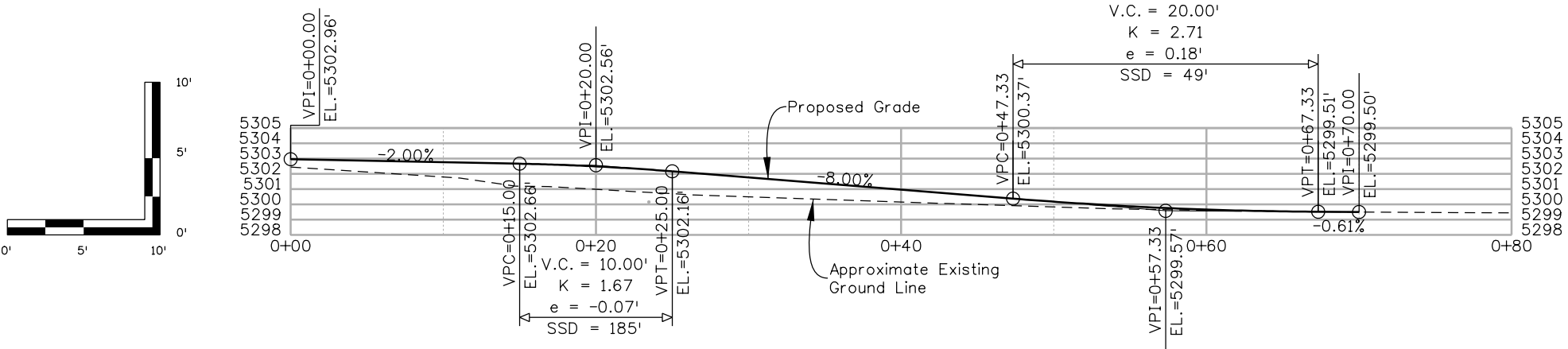


Print Date: 6/1/2020		0000	Sheet Revisions			Larimer County Engineering Department		As Constructed		PLAN AND PROFILE GRADE			Project No./Code		
File Name: 151826_Plan&Prof.dgn			Date:	Comments	Init.	 LARIMER COUNTY 200 West Oak Street, Suite 3000 P.O. Box 1190 Fort Collins, CO 80522-1190 (970) 498-5700 Fax: (970) 498-7986	No Revisions:		Designer: S.E. Kaye		Structure Numbers	LR27-0.1-32C		-	
Horiz. Scale: 1:50 Vert. Scale: As Noted							Revised:		Detailer: D.W. Sundeen			-			
Unit Information Unit Leader Initials							Void:		Sheet Subset: P&P		Subset Sheets: 1 of 1		Sheet Number 3		
 Short Elliott Hendrickson Inc. Colorado Center Tower One Suite 6000 2000 South Colorado Boulevard Denver, CO 80222-7900 Tele. (720) 540-6800 Fax (720) 490-4966 Fax (720) 540-6801															

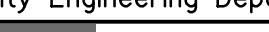
dsundeen 1:31:52 PM P:\KD\LL\ARIC\151826\5-final-dsgn\51-drawings\DESIGN FILES\Design\Drawings\151826_Access-01.dgn



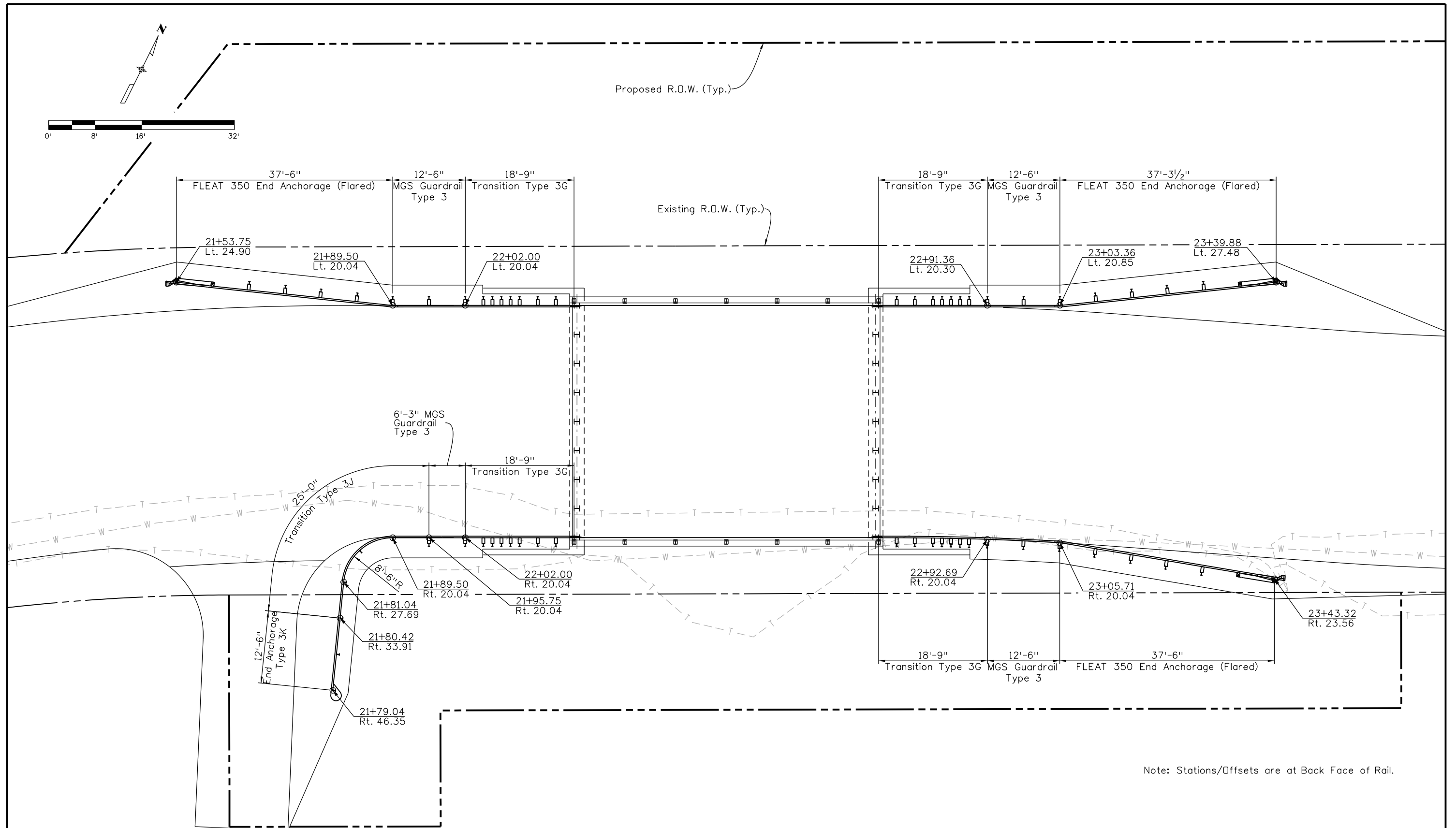
PLAN



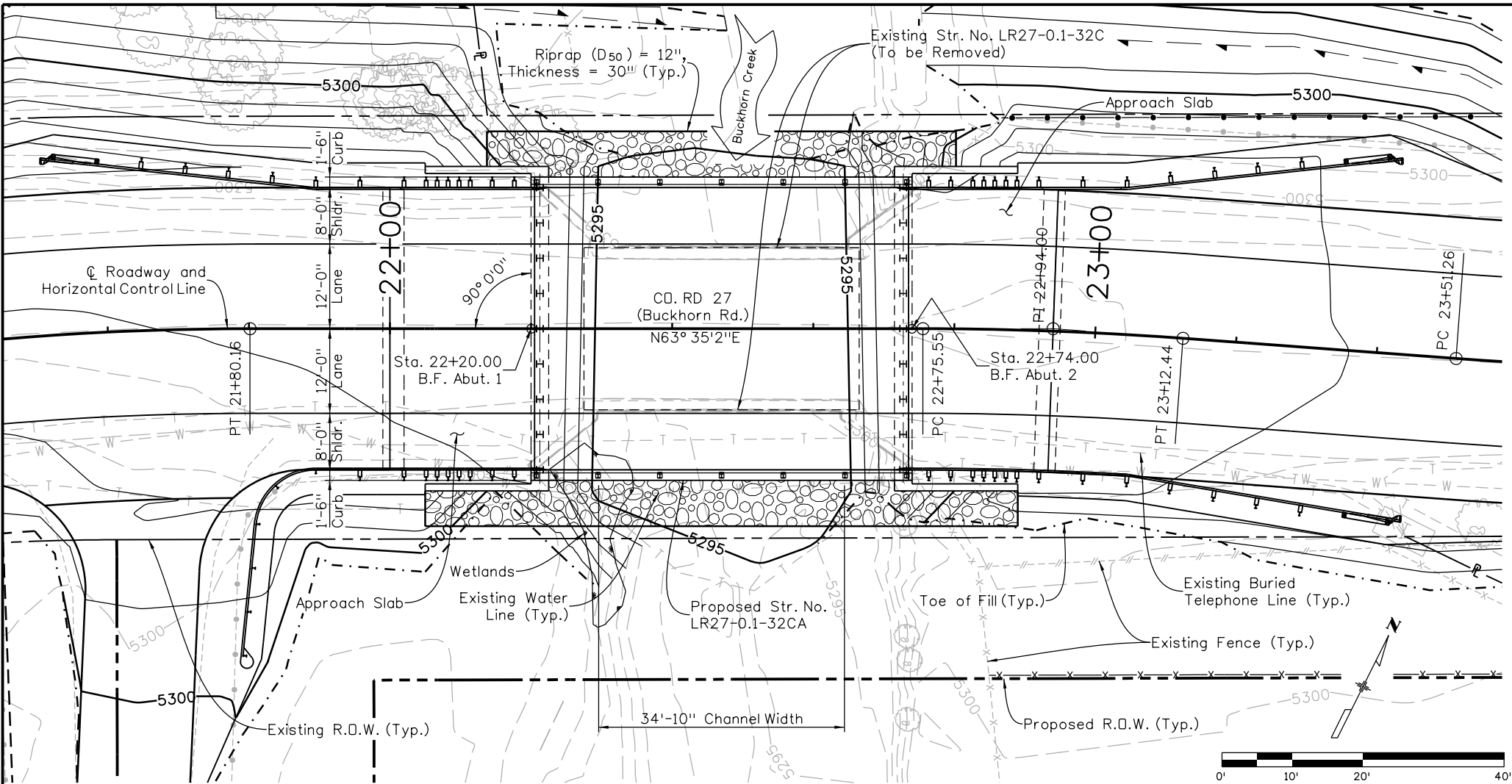
PROFILE

Print Date: 6/1/2020		0000	Sheet Revisions			Larimer County Engineering Department		As Constructed	ACCESS PLAN & PROFILE (STA. 21+64.85, RT)			Project No./Code		
File Name: 151826_Access-01.dgn			Date:	Comments	Init.	 LARIMER COUNTY 200 West Oak Street, Suite 3000 P.O. Box 1190 Fort Collins, CO 80522-1190 (970) 498-5700 Fax: (970) 498-7986	No Revisions:	Designer: S.E. Kaye Detailer: D.W. Sundeen		Structure Numbers	LR27-0.1-32C	-		
Horiz. Scale: 1:10 Vert. Scale: As Noted							Revised:					-		
Unit Information			Unit Leader Initials					Void:	Sheet Subset: ACCESS		Subset Sheets: 1 of 3		Sheet Number 4	
 Short Elliott Hendrickson Inc. Colorado Center Tower One Suite 6000 2000 South Colorado Boulevard Denver, CO 80222-7900 Tele. (720) 540-6800 (800) 490-4966 Fax (720) 540-6801														

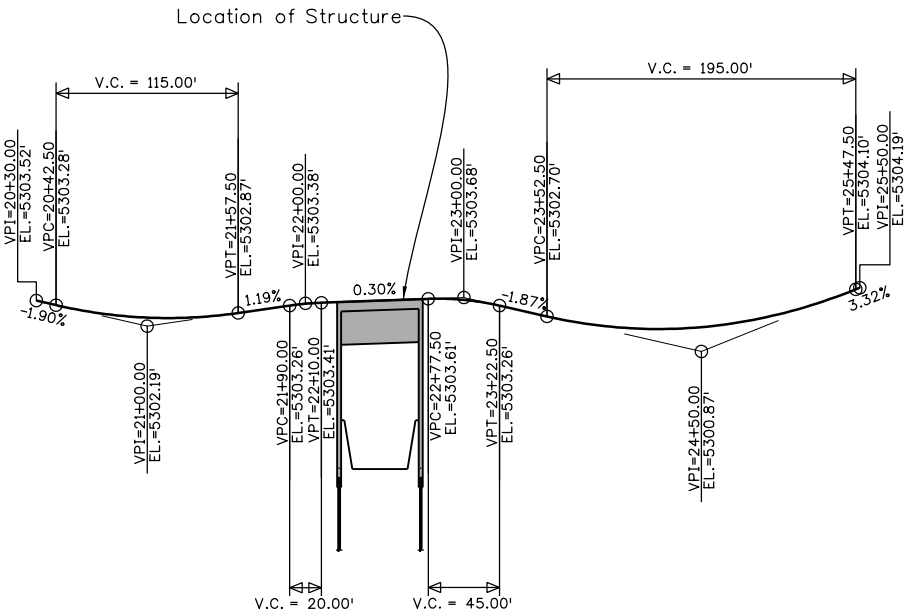
Print Date: 6/1/2020		0000	Sheet Revisions			LARIMER COUNTY 200 West Oak Street, Suite 3000 P.O. Box 1190 Fort Collins, CO 80522-1190 (970) 498-5700 Fax: (970) 498-7986		As Constructed	ACCESS PLAN & PROFILE (STA. 23+92.81, LT)				Project No./Code		
Date:			Comments	Init.					-						
File Name: 151826_Access-02.dgn											-				
Horiz. Scale: 1:10.0004 Vert. Scale: As Noted											-				
Unit Information Unit Leader Initials											5				
SEH Short Elliott Hendrickson Inc. Colorado Center Tower One Suite 6000 2000 South Colorado Boulevard Denver, CO 80222-7900 Tele: (720) 540-6800 (800) 490-4966 Fax: (720) 540-6801								No Revisions:		Designer: S.E. Kaye	Structure	LR27-0.1-32C			
								Revised:		Detailer: D.W. Sundeen	Numbers				
								Void:		Sheet Subset: ACCESS	Subset Sheets: 2 of 3			Sheet Number	



Print Date: 5/20/2020		0000	Sheet Revisions			Larimer County Engineering Department		As Constructed	GUARDRAIL LAYOUT				Project No./Code	
File Name: 151826_G-RailLayout.dgn			Date:	Comments	Init.	LARIMER COUNTY 200 West Oak Street, Suite 3000 P.O. Box 1190 Fort Collins, CO 80522-1190 (970) 498-5700 Fax: (970) 498-7986	No Revisions:	Designer: S.E. Kaye Detailer: D.W. Sundeen			Structure Numbers	LR27-0.1-32C	-	
Horiz. Scale: 1:16 Vert. Scale: As Noted							Revised:				-			
Unit Information Unit Leader Initials							Void:	Sheet Subset: G-RAIL Subset Sheets: 1 of 1		Sheet Number		7		
SEH Short Elliott Hendrickson Inc. Colorado Center Tower One Suite 6000 2000 South Colorado Boulevard Denver, CO 80222-7900 Tele: (720) 540-6800 Fax: (720) 540-6801														



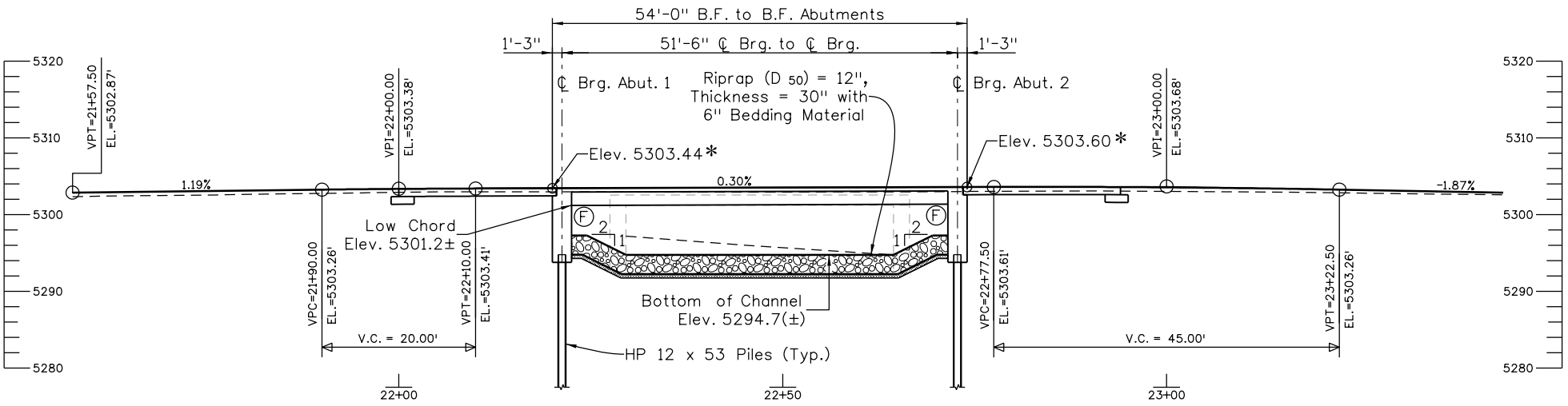
PLAN



PROFILE GRADE

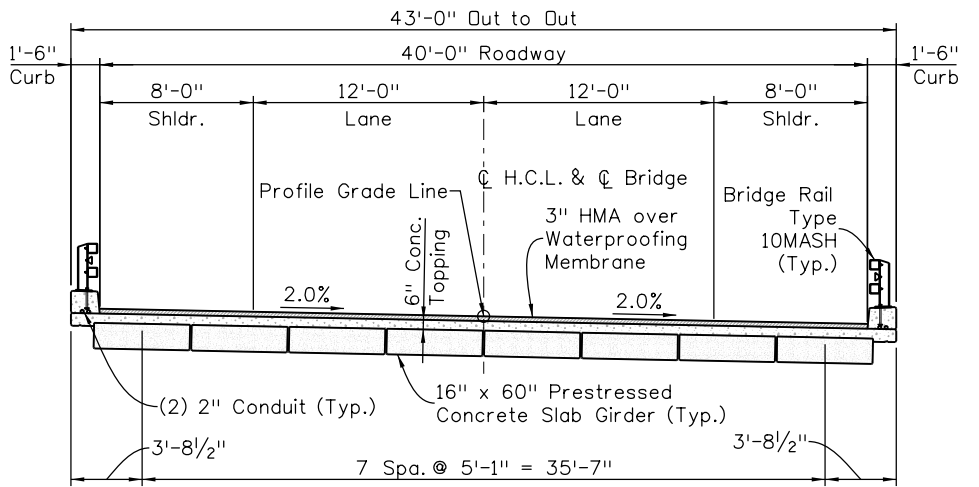
HYDRAULIC DATA

DHW (100 YR.) = 5306.15 (UPSTREAM), 5305.00 (DOWNSTREAM)
V (100 YR.) = 7.88 FPS
Q₁₀₀ = 12,198 CFS



SECTION

(Taken at C. Bridge and Horizontal Control Line)
*Finished Roadway Elevation (Top of Concrete)

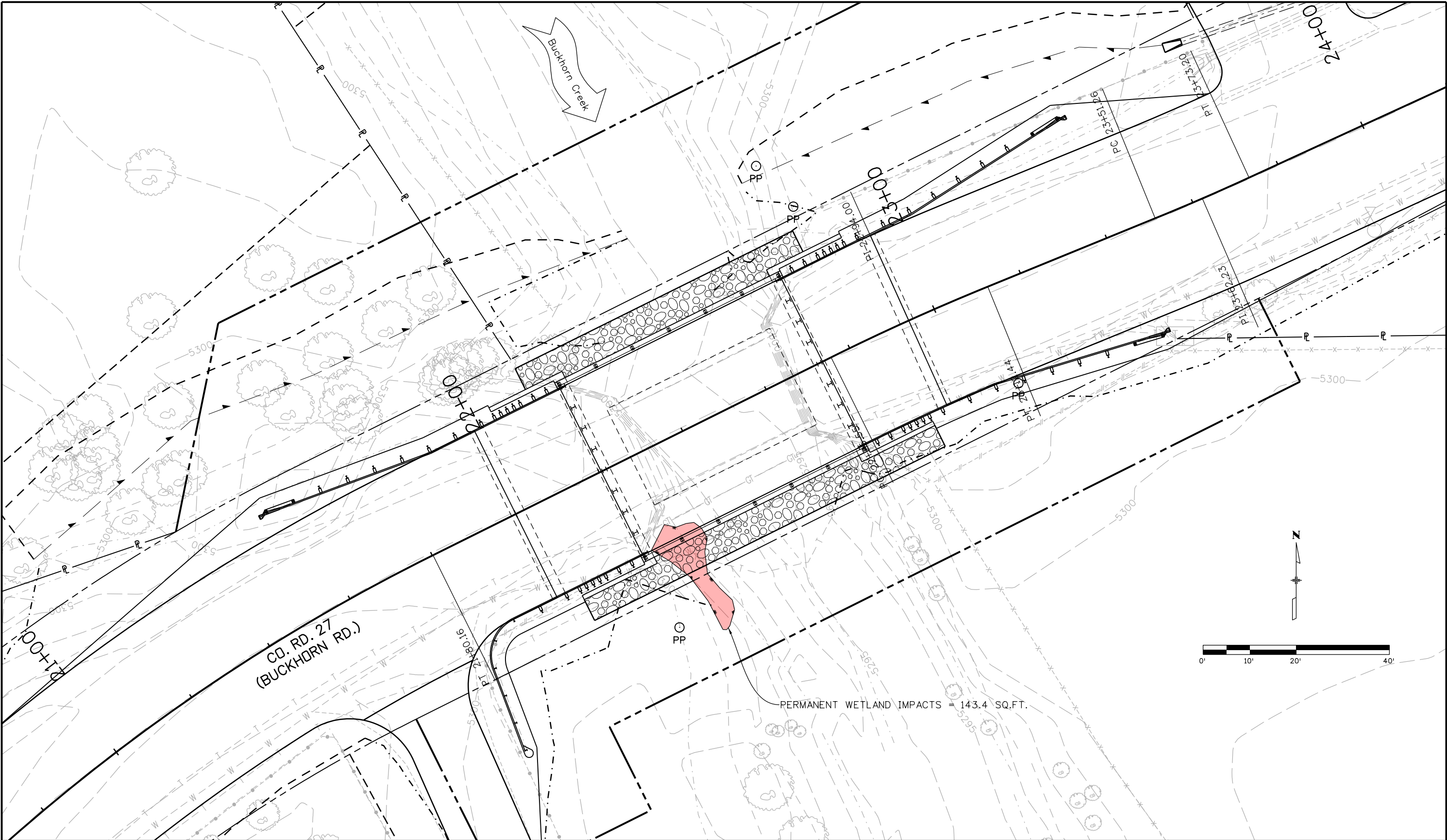


TYPICAL SECTION

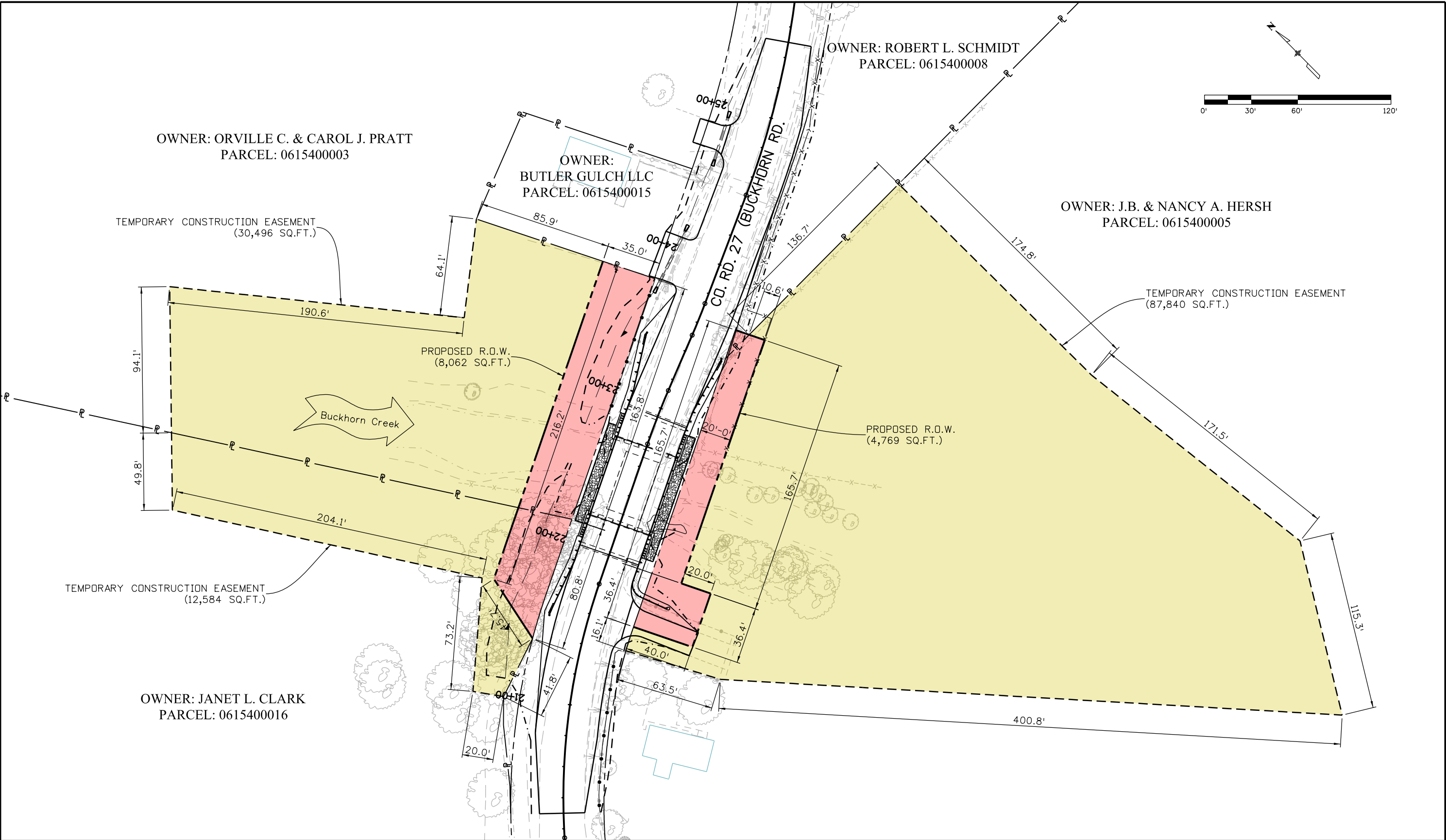
Print Date: 5/22/2020		0000	Sheet Revisions			Larimer County Engineering Department		As Constructed	GENERAL LAYOUT				Project No./Code			
File Name: 151826_GenLayout.dgn			Date:	Comments	Init.	LARIMER COUNTY 200 West Oak Street, Suite 3000 P.O. Box 1190 Fort Collins, CO 80522-1190 (970) 498-5700 Fax: (970) 498-7986	No Revisions:	-					-			
Horiz. Scale: 1:20 Vert. Scale: As Noted							Revised:			Designer: S.E. Kaye	Structure	LR27-0.1-32C				
Unit Information Unit Leader Initials							Void:			Detailer: D.W. Sundeen	Numbers				Sheet Number 9	
SEH Short Elliott Hendrickson Inc. Colorado Center Tower One Suite 6000 2000 South Colorado Boulevard Denver, CO 80222-7900 Tele. (720) 540-6800 (800) 490-4966 Fax (720) 540-6801										Sheet Subset: BRIDGE	Subset Sheets: B2 of 4					

disundeen 9:51:45 AM P:\KOV\LARIC\151826\5-final-dsgn\51-drawings\DESIGN FILES\Bridge\Drawings\151826_GenLayout.dgn

dsundeen 2:24:38 PM P:\K\A\L\LARIC\151826_5-final-dgn\51-drawings\DESIGN FILES\Design Drawings\151826_Wetland Impacts.dgn



dsundeen 8:31:31 AM P:\KD\LD\APIC\151826\5-final-dsgn\51-drawings\DESIGN FILES\Design\Drawings\151826_DES_ROW Exhibit.dgn



Print Date: 5/22/2020		0000	Sheet Revisions			Larimer County Engineering Department		As Constructed	R.O.W. EXHIBIT				Project No./Code	
File Name: 151826_DES_ROW Exhibit.dgn			Date:	Comments	Init.	LARIMER COUNTY 200 West Oak Street, Suite 3000 P.O. Box 1190 Fort Collins, CO 80522-1190 (970) 498-5700 Fax: (970) 498-7986	No Revisions:	Designer: S.E. Kaye Detailer: D.W. Sundeen Sheet Subset: ROW				-		
Horiz. Scale: 1:60 Vert. Scale: As Noted							Revised:					Structure Numbers	LR27-0.1-32C	-
Unit Information Unit Leader Initials							Void:	Subset Sheets:	1 of 1	Sheet Number	11			
SEH Short Elliott Hendrickson Inc. Colorado Center Tower One Suite 600 2000 South Colorado Boulevard Denver, CO 80222-7900 Tele. (720) 540-6800 (800) 490-4966 Fax (720) 540-6801														